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(54) SCANNING ACTUATOR ASSEMBLY FOR IMAGE PROJECTION MODULES, ESPECIALLY IN PORTABLE INSTRUMENTS

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ABSTRACT (57)

ABSTRACT OF THE DISCLOSURE An apparatus and actuator assembly for and method of projecting an image on a viewing surface either attached to the apparatus, or on a distant surface, includes sweeping a light beam along a plurality of scan lines that extend over the viewing surface, and selectively illuminating parts of the image at selected positions of the light beam on the scan lines. The viewing surface can be selected by the user by moving a panel on the housing, thereby allowing the user either option for display.

